

Converting Colors

XYZ(24.8144, 25.0835, 20.0567)

Have a look what the booklet for
XYZ(24.8144, 25.0835, 20.0567)
contains.

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Color

**XYZ(24.8144, 25.0835,
20.0567)**

Conversions

Conversions Part 1

Format	Color
Hex	998674
RGB	153, 134, 116
RGB Percent	60%, 53%, 45%
CMY	0.4000, 0.4745, 0.5451
CMYK	0.00, 0.12, 0.24, 0.40
HSL	29°, 15%, 53%
HSV	29°, 24%, 60%
XYZ	24.8144, 25.0835, 20.0567
YIQ	137.6290, 17.1020, -1.5700

Conversions

Conversions Part 2

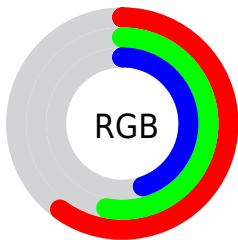
Format	Color
R_{YB}	153, 151, 116
Decimal	10061428
CIE Lab	57.16, 4.23, 12.34
CIE LCh	57, 13.042, 71.056
Yxy	25.0835, 0.3547, 0.3586
Android (android.graphics.Color)	4288251508 (0xFF998674)
YUV	137.6290, -10.6631, 13.4804
Hunter-Lab	50.0834, 0.7938, 11.3148

Details

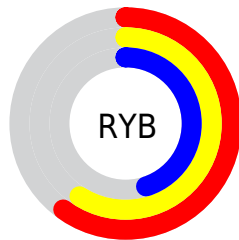
The XYZ color **24.8144, 25.0835, 20.0567** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.6160, 23.3402, 33.5030**, and the grayscale version is **24.0515, 25.3041, 27.5561**.

A 20% lighter version of the original color is **50.8506, 51.7777, 44.3598**, and **9.5805, 9.5247, 6.8023** is the 20% darker color. If you saturate the color by 10%, you get **22.9512, 22.6658, 15.4005**, and if you desaturate by 10%, it is **26.9062, 27.7234, 25.5129**.

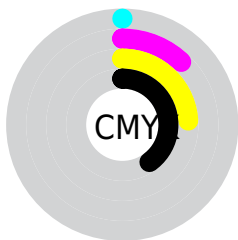
Distribution



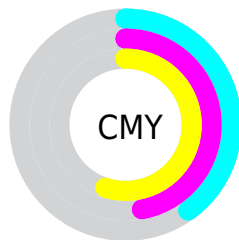
- Red (60%)
- Green (53%)
- Blue (45%)



- Red (60%)
- Yellow (59%)
- Blue (45%)



- Cyan (0%)
- Magenta (12%)
- Yellow (24%)
- Black (40%)



- Cyan (40%)
- Magenta (47%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.8144, 25.0835, 20.0567 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 24.8144, 25.0835, 20.0567 by changing the saturation by 10% instead.

■ 24.8144, 25.0835,
20.0567

■ 24.8144, 25.0835,
20.0567

269.2771,
278.2535, 264.8363

■ 16.0668, 16.1393,
12.2518

■ 50.8010, 51.7927,
44.3724

■ 9.6626, 9.6228,
6.7908

■ 68.7708, 70.3264,
61.7204

■ 5.2364, 5.1496,
3.2551

■ 90.5453, 92.8254,
83.0863

■ 2.4228, 2.3353,
1.2263

116.4900,
119.6741, 108.8889

■ 0.8565, 0.7923,
0.0003

146.9702,
151.2568, 139.5467

■ 0.0000, 0.0000,
0.0000

182.3512,

187.9581, 175.4781

222.9984,
230.1622, 217.1018

■ 24.8144, 25.0835,
20.0567

■ 24.8144, 25.0835,
20.0567

■ 22.9512, 22.6658,
15.4005

■ 26.9062, 27.7234,
25.5129

■ 21.3056, 20.4606,
11.5044

■ 29.2331, 30.5882,
31.8033

■ 19.8689, 18.4624,
8.3274

■ 31.8035, 33.6849,
38.9620

■ 18.6306, 16.6639,
5.8240

■ 34.6249, 37.0188,
47.0206

■ 17.5792, 15.0575,
3.9431

■ 37.7046, 40.5955,
56.0093

■ 16.7017, 13.6347,
2.6266

■ 41.0494, 44.4200,
65.9568

■ 15.9829, 12.3861,
1.8040

■ 44.6658, 48.4973,
76.8905

■ 15.6156, 11.7297,
1.4410

■ 48.5603, 52.8323,
88.8367

■ 52.7389, 57.4297,
101.8209

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



26.1420, 25.0835, 22.1166



24.8144, 25.0835, 20.0567



23.2783, 25.0835, 19.8122

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



24.8144, 25.0835, 20.0567



21.0541, 25.0835, 28.9688



25.8373, 25.0835, 34.2111

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



24.8144, 25.0835, 20.0567



21.6160, 23.3402, 33.5030

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



24.4129, 25.0835, 36.4987



24.8144, 25.0835, 20.0567



21.6793, 25.0835, 33.2625

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



24.8144, 25.0835, 20.0567



21.1512, 25.0835, 24.6526



22.8936, 25.0835, 36.1340



26.7499, 25.0835, 30.1553

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



24.8144, 25.0835, 20.0567



22.3474, 25.0835, 20.6780



22.8936, 25.0835, 36.1340



25.4000, 25.0835, 35.2311

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



24.8151, 25.0846, 20.0572



51.0763, 53.2205, 53.4668



23.7639, 21.0159, 25.7690



11.2298, 11.6923, 11.6746



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



24.8151, 25.0846, 20.0572



42.5918, 42.5402, 31.2511



27.5801, 30.6146, 20.9789



6.4444, 6.6939, 6.5582



12.9392, 9.7608, 1.2020



0.2297, 0.2184, 0.0300

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



21.6160, 23.3402, 33.5030



35.8505, 38.8639, 59.5839



19.2692, 18.6467, 32.7208



6.1335, 6.5244, 7.8650



7.0700, 6.5366, 25.7968



0.1421, 0.1705, 0.3978

Previews

White Background



This preview shows how the XYZ color 24.8144, 25.0835, 20.0567 looks on a white background.

Color Contrast Check

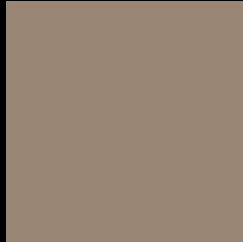
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 24.8144, 25.0835, 20.0567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

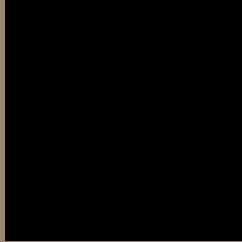
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.8144, 25.0835, 20.0567

Background



This preview shows how black text looks on a background with the XYZ color 24.8144, 25.0835, 20.0567.



This preview shows how white text looks on a background with the XYZ color 24.8144, 25.0835,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

24.8144, 25.0835, 20.0567

Protanopia

23.6581, 25.1050, 20.4284

Deuteranopia

25.5042, 25.0326, 20.0106



Tritanopia

26.5007, 24.9563, 28.6196

Trichromacy



Original Color

24.8144, 25.0835, 20.0567

Protanomaly

24.0477, 25.0957, 20.4061

Deuteranomaly

25.2502, 25.1039, 20.0377

Tritanomaly

25.7987, 24.8671, 25.2699

Monochromacy



Original Color

24.8144, 25.0835, 20.0567

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.3026, 25.3427, 24.7298

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8144, 25.0835, 20.0567 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(153, 134, 116)` looks like.

```
.text, #text, p{  
    color:rgb(153, 134, 116)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(153, 134, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 134, 116) }
```

Border

The CSS property to change the border of an element to XYZ 24.8144, 25.0835, 20.0567 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(153, 134, 116) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(153, 134, 116) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(153, 134, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 134, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 134, 116);  
box-shadow:4px 4px 4px 4px rgb(153, 134,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8144, 25.0835, 20.0567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 134, 116) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(153,  
134, 116) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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